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DERWENT-ACC-NO: 2003-037045

DERWENT-WEEK: 200303

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TITLE: Mobile terminal having fm transmitting module

INVENTOR: TAK, Y S

PATENT-ASSIGNEE: LG ELECTRONICS INC[GLDS]

PRIORITY-DATA: 2000KR-0083852 (December 28, 2000)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES
MAIN-IPC			
KR 2002054686 A	July 8, 2002	N/A	001
H04B 001/40			

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NC
APPL-DATE		
KR2002054686A	N/A	2000KR-0083852
December 28, 2000		

INT-CL (IPC): H04B001/40

ABSTRACTED-PUB-NO: KR2002054686A

BASIC-ABSTRACT:

NOVELTY - A mobile terminal having an FM transmitting module is provided to enable a user to conveniently listen to a high-quality audio signal by

adding
an FM transmitting module to a mobile terminal so that a music file,
decoded at
an MP3 decoder, can be output through the speaker of a radio.

DETAILED DESCRIPTION - A mobile terminal(202) is comprised of a
baseband
controller(204), an MP3 decoder(208), an FM transmitting
module(210), a
memory(212), a radio transceiver(214), a terminal transmit-receive
antenna(216), an FM transmitting antenna(218), and an external
output
port(220). The baseband controller(204) controls the operations of the
mobile
terminal(202) overall. The radio transceiver(214) converts a
modulation
signal, generated from the baseband controller(204), into a high
frequency
signal and transmits it through the terminal transmit-receive
antenna(216).
The memory(212) stores the MP3 file data downloaded to the mobile
terminal(202). The MP3 decoder(208) decodes the MP3 file data
transferred
through the baseband controller(204), generates an audio signal, and
outputs it
to the FM transmitting module(210) or to the mobile terminal's speaker
or
earphone through the external output port(220). The FM transmitting
module(210) receives the audio signal output from the MP3
decoder(208) and
modulates it into the signal of a frequency band which can be received
at a
radio. The modulated signal is sent to the air through the FM
transmitting
antenna(218).

CHOSEN-DRAWING: Dwg.1/10

TITLE-TERMS: MOBILE TERMINAL FM TRANSMIT MODULE

DERWENT-CLASS: W02

EPI-CODES: W02-G02;

